Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Wednesday 22 Mar 2023 until 23:59 on Thursday 23 Mar 2023

Forecast Issued on Tuesday 21 Mar 2023 at 16:42

Confidence: High for generally unsettled conditions with showers or longer spells of occasionally heavy rain but lower for details.

Headline for Wednesday 22 Mar 2023: Sunny spells and showers. Strong southwesterly winds.

Mountain weather hazards on Wednesday 22 Mar 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Sunny intervals	Sunny	Sunny intervals	Light rain showers	Light rain showers	Partly cloudy (night)
Precipitation probability							
80%	90%	20%	<05%	10%	30%	30%	20%

Forecast for Wednesday 22 Mar 2023

Weather: Outbreaks of occasionally heavy rain clearing eastwards overnight with clear spells developing towards dawn. Then a mostly sunny morning but cloud bubbling up for the afternoon with scattered showers developing. The showers ease for a time in the evening before a narrow band of occasionally heavy showery rain pushes east in the late evening.

Chance of cloud-free hill tops above 600m: Around 75% at dawn and afternoon, but rising close to 100% for a time through much of the morning. Chances then fall through the late evening.

Low cloud and visibility: Occasional above 600-750m at first and again from midday, but little cloud below the summits through much of the morning, then periods cloud above 450-600m develop during the evening. Away from cloud visibility very good falling to several kilometres in rain or showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Wednesday 22 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	36/48 S	36/49 SW	34/46 SW	27/37 SW	27/38 SW	25/35 SW	24/34 S	28/40 S	27/39 SW
300	26/39 S	27/40 SW	24/37 SW	20/31 SW	19/31 SW	18/29 SW	15/26 S	19/32 S	19/31 SW
Valley	16/37 S	17/37 SW	17/35 SW	15/29 SW	15/30 SW	14/29 SW	11/26 S	14/31 S	14/30 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/-1	6/0	5/-2	4/-3	6/-0	6/1	6/1	5/-1	4/-2
300	8/3	9/4	8/3	6/2	9/5	9/5	9/5	7/3	6/2
Valley	8/5	9/6	8/4	7/4	10/6	10/7	9/6	8/5	7/3
Freezing Level*	2100m	1900m	1100m	800m	900m	1200m	1200m	1300m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gusts around 55mph over higher peaks through the early hours then closer to 45mph by day with a significant chill effect at height.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 21 Mar 2023	6.8mm	13.4mm	21.8mm

Forecast for Thursday 23 Mar 2023

Weather: Some showery rain around midnight soon clearing then a dry night with long clear spells. Cloud bubbling up through the morning with occasionally heavy and perhaps thundery showers developing for the afternoon.

Maximum wind: Southwesterly winds 20-25mph, with gusts around 45mph over higher peaks.

Chance of cloud-free hill tops above 600m: Close to 100% falling to 75% by midday and 60% in afternoon

Low cloud and visibility: Occasional cloud above 600m developing through the morning, becoming periods at times in the afternoon with patches down to 450. Away from cloud visibility very good falling to several kilometres in showers.

Temperature: **Valleys:** Around plus 6 or 7 through the early hours rising to plus 13 or 14 Celsius by day
At 600m: Around plus 5Celsius
Freezing level: Above the summits.

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